

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference RLL-402WO	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. PCT/IB2004/050901	International filing date (day/month/year) 14/06/2004	(Earliest) Priority Date (day/month/year) 16/06/2003
Applicant		

RANBAXY LABORATORIES LIMITED

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. Certain claims were found unsearchable (See Box II).

3. Unity of invention is lacking (see Box III).

4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the abstract,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. _____

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

- b. none of the figures is to be published with the abstract.

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INTERNATIONAL SEARCH REPORT

National Application No
PCT/IB2004/050901

A. CLASSIFICATION OF SUBJECT MATTER				
IPC 7	A61K31/155	A61K9/20	A61K9/00	A61K9/16
				A61P3/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claims
X	US 2003/104059 A1 (CHAWLA MANISH ET AL) 5 June 2003 (2003-06-05) claims; table 1 -----	1-19, 41-61
X	WO 02/28181 A (TEWARI PRASHANT KUMAR ; USV LTD (IN); GIDWANI SURESH KUMAR (IN); SINGN) 11 April 2002 (2002-04-11) claims; examples -----	1-6, 11-19, 41-46, 51-61
X	US 6 117 451 A (KUMAR VIJAI) 12 September 2000 (2000-09-12) cited in the application column 7, line 54 - column 8, line 13; claims; examples ----- -/-	1-19, 41-61

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

9 September 2004

23/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.
Fax: (+31-70) 340-3016

Authorized officer

.Paul Soto, R

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INTERNATIONAL SEARCH REPORT

National Application No
PCT/IB2004/050901

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 955 106 A (GABEL ROLF-DIETER ET AL) 21 September 1999 (1999-09-21) cited in the application claims; examples -----	1-19, 41-61
X	WO 03/026637 A (REDDY HARIVARDHAN L ; TYEBJI ZIAUDDIN Z (IN); SUN PHARMACEUTICAL IND L) 3 April 2003 (2003-04-03) claims; examples -----	1-19, 41-61
X	US 2003/104049 A1 (SHERMAN BERNARD CHARLES) 5 June 2003 (2003-06-05) claims; examples -----	1-19, 41-61
X	WO 03/028704 A (ARORA VINOD KUMAR ; MALIK RAJIV (IN); MADAN ASHISH (IN); MURPANI DEEPA) 10 April 2003 (2003-04-10) the whole document -----	20-40

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2004/050901

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: 60, 61 because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 60 and 61 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

National Application No

PCT/IB2004/050901

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2003104059	A1	05-06-2003	WO	03039527 A1		15-05-2003
WO 0228181	A	11-04-2002	WO	0228181 A1		11-04-2002
			AU	7308500 A		15-04-2002
			EP	1322158 A1		02-07-2003
			JP	2004510716 T		08-04-2004
US 6117451	A	12-09-2000		NONE		
US 5955106	A	21-09-1999	DE	4432757 A1		21-03-1996
			AT	244004 T		15-07-2003
			AU	3567295 A		29-03-1996
			DE	59510740 D1		07-08-2003
			DK	781129 T3		27-10-2003
			WO	9608243 A1		21-03-1996
			EP	0781129 A1		02-07-1997
			ES	2202374 T3		01-04-2004
			IL	115309 A		31-08-2000
			JP	10505604 T		02-06-1998
			PT	781129 T		28-11-2003
			SI	781129 T1		31-12-2003
			ZA	9507670 A		13-03-1997
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			EP	1435931 A2		14-07-2004
			WO	03026637 A2		03-04-2003
US 2003104049	A1	05-06-2003		NONE		
WO 03028704	A	10-04-2003	EP	1434568 A1		07-07-2004
			WO	03028704 A1		10-04-2003
			US	2004059001 A1		25-03-2004